

MAY 16 2006

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REMARKS

Claims 1-26 are still pending.

I. THE PRIOR ART REJECTION

The main claim 1 is rejected based a proposed combination of Wan in view of Hughes et al. (U.S. Patent No. 6,553,020).

In addition to the remarks in applicants' November 29th amendment, the obviousness rejection is traversed for the following reasons:

The whole thrust of the claimed invention is for mobile node to negotiate a time slot based paging scheme with the a visited-domain mobility agent, especially before going into an idle mode. It is important to note that a person skilled in the art would appreciate that the term "paging" is understood to mean the act by the visited-domain mobility agent of seeking the mobile node, for example, when the visited-domain mobility agent sends ~~messages to the network node.~~

In operation, before the mobile node goes into the idle mode, it negotiates a time slot that will be used by the visited-domain mobility agent in order to page the mobile node. Based of this negotiation, the visited-domain mobility agent will page the mobile node, and the mobile node will wake up to receive any such pages from the visited-domain mobility agent, in the agreed-upon time slot. See the paragraph bridging pages 3-4 of the patent

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application. In all other time slots, the visited-domain mobility agent will not page the mobile node, and the mobile node will remain in the idle mode to conserve battery power.

It is respectfully submitted that Wan is completely silent on the whole thrust of the invention, including any negotiation in a time slot based paging scheme.

Moreover, while Hughes discloses that two nodes agree on a time slot to communicate with one another, it is silent on doing so in relation to a time slot based paging scheme.² In view of this, the negotiations between any two nodes in Hughes' communications system do not influence when a network node pages a mobile node therein, especially in relation to the mobile node entering into the idle mode.

In view of this, it is respectfully submitted that both cited prior art references fail to disclose the whole thrust of the claimed invention, in which the mobile node negotiates a time slot based paging scheme with the a visited-domain mobility agent, especially in relation to the mobile node going into an idle mode.

For all these reasons, neither Wan, Hughes et al. nor the proposed combination thereof teaches or suggests a mobile internet protocol regional paging network wherein the mobile node

² It is respectfully submitted that the paragraph bridging pages 2-3 of the Office Action is overlooking this deficiency in

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negotiates a time slot based paging scheme with a visited-domain mobility agent, as recited in claim 1.

Further, it is respectfully submitted that the same reasoning applies to independent claims 16, 18 and 23.

Claims 2-6, 9 and 12-16 depend directly or indirectly from the aforementioned independent claims, contain all the limitations therein, and are deemed patentable for all the reasons set forth above.

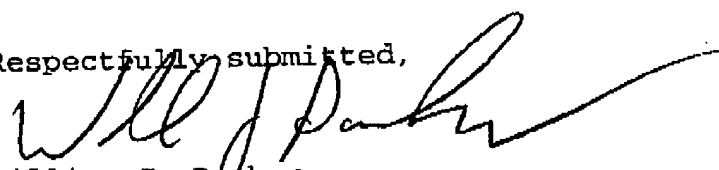
Dependent claims 7-8 and 10-11 remain indicated to be allowable if amended to include the limitations of the base claim and any intervening claims. Based on the aforementioned reasoning, it is not believed necessary to amend these claims in order to gain such allowance.

the teaching of Hughes.

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Reconsideration and an early allowance of the claims is
respectfully requested.

Respectfully submitted,


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